

## WEST Search History for Application 10529453

Creation Date: 2010022823:13

"binding red blood cells" and "separating" and "cell size separation"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-24-2008  
"binding" and "blood cells" and "cell size"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-24-2008  
("binding" and "blood cells" and "cell size" ) and "size separation"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-24-2008  
("binding" and "blood cells" and "cell size" and "size separation" ) and "microfluidic device"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-24-2008  
("binding" and "blood cells" and "cell size" ) and "microfluidic device"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-24-2008  
("binding" and "blood cells" and "cell size" and "microfluidic device" ) and "channels"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-24-2008  
"cell population" and "red blood cells" and "microfluidic"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-26-2008  
("cell population" and "red blood cells" and "microfluidic" ) and "enucleated red blood cell"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-26-2008  
"size-based enrichment" and "cells"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-26-2008  
("size-based enrichment" and "cells" ) and "microfluidic"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-26-2008  
"size" and "cell separation"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-26-2008  
("size" and "cell separation" ) and "binding cells"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-26-2008  
("size" and "cell separation" and "binding cells" ) and "microfluidic"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-26-2008  
("size" and "cell separation" and "binding cells" and "microfluidic" ) and "red blood cells"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-26-2008  
"cell size sorting" and "microfluidic"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-26-2008  
"size based exclusion" and "microfluidic"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-26-2008  
"size based exclusion of blood cells"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-26-2008  
"blood cells separated by size"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-26-2008  
"size based separation" and "cells"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-26-2008  
("size based separation" and "cells" ) and "cell binding"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-26-2008  
"cell binding" and "cell size"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-26-2008  
("cell binding" and "cell size" ) and "microfluidic"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 05-26-2008  
20020005354PGPB OR YES 02-24-2009  
7067306.pn.USPT OR YES 02-24-2009

(7067306.pn. ) and "microfluidic"USPT OR YES 02-24-2009  
 (20020005354 ) and "microfluidic"USPT OR YES 02-24-2009  
 (20020005354 ) and "microfluidic"USPT OR YES 02-24-2009  
 (20020005354 ) and "device"USPT OR YES 02-24-2009  
 (20020005354 ) and "lab on a chip"PGPB OR YES 02-24-2009  
 (20020005354 ) and "chip"PGPB OR YES 02-24-2009  
 "microfluidic device" and "obstacle"PGPB, USPT, USOC, EPAB, JPAB, DWPI,  
 TDBD OR YES 02-25-2009  
 "microfluidic device" and "obstacles"PGPB, USPT, USOC, EPAB, JPAB, DWPI,  
 TDBD OR YES 02-25-2009  
 ("microfluidic device" and "obstacles" ) and "blood cells"PGPB, USPT, USOC, EPAB, JPAB,  
 DWPI, TDBD OR YES 02-25-2009  
 ("microfluidic device" and "obstacles" and "blood cells" ) and "separation"PGPB, USPT,  
 USOC, EPAB, JPAB, DWPI, TDBD OR YES 02-25-2009  
 ("microfluidic device" and "obstacles" and "blood cells" and "separation" ) and  
 "gaps"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 02-25-2009  
 WO9322053PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 02-25-2009  
 WO009322053PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 02-25-2009  
 9322053PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 02-25-2009  
 5486335.pn.USPT OR YES 02-25-2009  
 ("microfluidic device" and "obstacles" and "blood cells" and "separation" and "gaps" ) and  
 "binding"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 02-25-2009  
 ("microfluidic device" and "obstacles" and "blood cells" and "separation" and "gaps" and  
 "binding" ) and "binding moiety"PGPB, USPT, USOC, EPAB, JPAB, DWPI,  
 TDBD OR YES 02-25-2009  
 5486335.pn.USPT OR YES 04-14-2009  
 5726026.pn.USPT OR YES 04-14-2009  
 5837115.pn.USPT OR YES 04-14-2009  
 5866345.pn.USPT OR YES 04-14-2009  
 (5486335.pn. ) and "microfluidic"USPT OR YES 04-14-2009  
 (5726026.pn. ) and "microfluidic"USPT OR YES 04-14-2009  
 (5837115.pn. ) and "microfluidic"USPT OR YES 04-14-2009  
 (5866345.pn. ) and "microfluidic"USPT OR YES 04-14-2009  
 6254754.pn.USPT OR YES 04-14-2009  
 (6254754.pn. ) and "microfluidic"USPT OR YES 04-14-2009  
 (5486335.pn. ) and "device"USPT OR YES 04-14-2009  
 6254754.pn.USPT OR YES 04-14-2009  
 (6254754.pn. ) and "microfluidic"USPT OR YES 04-14-2009  
 6913697.pn.USPT OR YES 04-14-2009  
 (6913697.pn. ) and "microfluidic"USPT OR YES 04-14-2009  
 microfluidic same devicePGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-14-2009  
 (microfluidic same device ) same cellsPGPB, USPT, USOC, EPAB, JPAB, DWPI,  
 TDBD OR YES 04-14-2009  
 (microfluidic same device same cells ) same gapsPGPB, USPT, USOC, EPAB, JPAB, DWPI,  
 TDBD OR YES 04-14-2009  
 microfluidic(p)device same blood(p)cellPGPB, USPT, USOC, EPAB, JPAB, DWPI,  
 TDBD OR YES 04-14-2009  
 (microfluidic(p)device same blood(p)cell ) same gapsPGPB, USPT, USOC, EPAB, JPAB,  
 DWPI, TDBD OR YES 04-14-2009  
 (microfluidic(p)device same blood(p)cell same gaps ) same obstaclesPGPB, USPT, USOC,  
 EPAB, JPAB, DWPI, TDBD OR YES 04-14-2009

(microfluidic(p)device same blood(p)cell same gaps same obstacles ) same sortingPGPB,  
USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-14-2009  
20070026414PGPB OR YES 04-14-2009  
20040142463PGPB OR YES 04-14-2009  
7258774.pn.USPT OR YES 04-14-2009  
(7258774.pn. ) and "binding"USPT OR YES 04-14-2009  
(7258774.pn. and "binding" ) and "binding sites"USPT OR YES 04-14-2009  
(7258774.pn. and "binding" ) and "binding to structure"USPT OR YES 04-14-2009  
"obstacle" and "binding"PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-14-2009  
("obstacle" and "binding" ) and "array"PGPB, USPT, USOC, EPAB, JPAB, DWPI,  
TDBD OR YES 04-14-2009  
("obstacle" and "binding" and "array" ) and "sorting cells"PGPB, USPT, USOC, EPAB, JPAB,  
DWPI, TDBD OR YES 04-14-2009  
("obstacle" and "binding" and "array" and "sorting cells" ) and "binding moieties"PGPB,  
USPT, USOC, EPAB, JPAB, DWPI, TDBD OR YES 04-14-2009  
20020119482PGPB OR YES 04-14-2009  
microfluidic same bindingPGPB, USPT, USOC, EPAB, JPAB, DWPI,  
TDBD OR YES 04-14-2009  
(microfluidic same binding ) same supportPGPB, USPT, USOC, EPAB, JPAB, DWPI,  
TDBD OR YES 04-14-2009  
(microfluidic same binding same support ) same bloodPGPB, USPT, USOC, EPAB, JPAB,  
DWPI, TDBD OR YES 04-14-2009  
(microfluidic same binding ) same obstaclePGPB, USPT, USOC, EPAB, JPAB, DWPI,  
TDBD OR YES 04-14-2009  
(microfluidic same binding ) same bloodPGPB, USPT, USOC, EPAB, JPAB, DWPI,  
TDBD OR YES 04-14-2009  
(microfluidic same binding same blood ) same cellPGPB, USPT, USOC, EPAB, JPAB, DWPI,  
TDBD OR YES 04-14-2009  
(microfluidic same binding ) same structurePGPB, USPT, USOC, EPAB, JPAB, DWPI,  
TDBD OR YES 04-14-2009  
(microfluidic same binding same structure ) same bloodPGPB, USPT, USOC, EPAB, JPAB,  
DWPI, TDBD OR YES 04-14-2009

## Prior Art Searches

Query	DB	Op.	Plur.	Thes.	Date
7597791.pn.	USPT	OR	YES		02-28-2010
7312085.pn.	USPT	OR	YES		02-28-2010
6591852.pn.	USPT	OR	YES		02-28-2010
passive same microfluidic same device	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		02-28-2010
(passive same microfluidic same device ) same obstacles	PGPB, USPT, USOC, EPAB, JPAB, DWPI,	OR	YES		02-28-2010

	TDBD				
(passive same microfluidic same device ) same posts	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		02-28-2010
microfluidic same posts same gaps	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		02-28-2010
microfluidic same gaps	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		02-28-2010
(microfluidic same gaps ) same obstacle	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		02-28-2010
5427663.pn.	USPT	OR	YES		02-28-2010
5837115.pn.	USPT	OR	YES		02-28-2010
(5837115.pn. ) and "sample"	USPT	OR	YES		02-28-2010
(5837115.pn. ) and "blood"	USPT	OR	YES		02-28-2010
(5837115.pn. and "blood" ) and "bind"	USPT	OR	YES		02-28-2010
(5837115.pn. and "blood" ) and "first direction"	USPT	OR	YES		02-28-2010
(5837115.pn. and "blood" ) and "direction"	USPT	OR	YES		02-28-2010
(5837115.pn. and "blood" and "direction" ) and "reverse"	USPT	OR	YES		02-28-2010
(5837115.pn. and "blood" and "direction" ) and "reversed"	USPT	OR	YES		02-28-2010
(5837115.pn. and "blood" and "direction" ) and "opposite"	USPT	OR	YES		02-28-2010
(5837115.pn. and "blood" and "direction" and "opposite" ) and "enriched"	USPT	OR	YES		02-28-2010
(5837115.pn. and "blood" and "direction" and "opposite" ) and "enrichment"	USPT	OR	YES		02-28-2010
5837115.pn.	USPT	OR	YES		02-28-2010
(5837115.pn. ) and "binding"	USPT	OR	YES		02-28-2010

"laminar flow" and "microfluidic"	USPT	OR	YES		02-28-2010
("laminar flow" and "microfluidic" ) and "binding moiety"	USPT	OR	YES		02-28-2010
("laminar flow" and "microfluidic" and "binding moiety" ) and "antibody"	USPT	OR	YES		02-28-2010
("laminar flow" and "microfluidic" and "binding moiety" and "antibody" ) and "enriching"	USPT	OR	YES		02-28-2010
"bind moiety" and "microfluidic" and "laminar flow"	USPT	OR	YES		02-28-2010
"preferential binding" and "obstacles" and "laminar flow"	USPT	OR	YES		02-28-2010
microfluidic same binding same obstacle	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		02-28-2010
(microfluidic same binding same obstacle ) same blood	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		02-28-2010
(microfluidic same binding same obstacle same blood ) same laminar	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD	OR	YES		02-28-2010
5837115.pn.	USPT	OR	YES		02-28-2010
(5837115.pn. ) and "bind moiety"	USPT	OR	YES		02-28-2010
(5837115.pn. ) and "obstacle"	USPT	OR	YES		02-28-2010
67262059.pn.	USPT	OR	YES		02-28-2010
6762059.pn.	USPT	OR	YES		02-28-2010
(6762059.pn. ) and "microfluidic"	USPT	OR	YES		02-28-2010
(5837115.pn. and "obstacle" ) and "binding"	USPT	OR	YES		02-28-2010
microfluidic same preferentially(p)binding	USPT	OR	YES		02-28-2010
(microfluidic same preferentially(p)binding ) same blood	USPT	OR	YES		02-28-2010
(microfluidic same preferentially(p)binding same blood ) same obstacle	USPT	OR	YES		02-28-2010
	USPT	OR	YES		02-28-2010

(microfluidic same preferentially(p)binding same blood same obstacle ) same channel					
(microfluidic same preferentially(p)binding ) same channel	USPT	OR	YES		02-28-2010
(microfluidic same preferentially(p)binding same channel ) same blood	USPT	OR	YES		02-28-2010
(microfluidic same preferentially(p)binding same channel same blood ) same obstacle	USPT	OR	YES		02-28-2010
(microfluidic same preferentially(p)binding same channel same blood ) same obstacles	USPT	OR	YES		02-28-2010
(microfluidic same preferentially(p)binding same channel same blood ) same posts	USPT	OR	YES		02-28-2010
(microfluidic same preferentially(p)binding same channel same blood same posts ) same microfluidic	USPT	OR	YES		02-28-2010
microfluidic same binding	USPT	OR	YES		02-28-2010
(microfluidic same binding ) same obstacles same channel	USPT	OR	YES		02-28-2010
microfluidic same device same obstacles same binding same moiety	USPT	OR	YES		02-28-2010
microfluidic same device same blood same obstacles same binding	USPT	OR	YES		02-28-2010
microfluidic same device same obstacles same antibody	USPT	OR	YES		02-28-2010
microfluidic same device same posts same antibody	USPT	OR	YES		02-28-2010
(microfluidic same device same posts same antibody ) same binding	USPT	OR	YES		02-28-2010
7597791.pn.	USPT	OR	YES		02-28-2010
6591852.pn.	USPT	OR	YES		02-28-2010
7312085.pn.	USPT	OR	YES		02-28-2010
7258774.pn.	USPT	OR	YES		02-28-2010
7081192.pn.	USPT	OR	YES		02-28-2010
20020119482	PGPB	OR	YES		02-28-2010
(7081192.pn. ) and "obstacles"	USPT	OR	YES		02-28-2010
(7081192.pn. ) and "posts"	USPT	OR	YES		02-28-2010

(7258774.pn. ) and "binding"	USPT	OR	YES		02-28-2010
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